



# ZERO TO REMOTE PILOT IN 2 WEEKS



**BECOME A COMMERCIAL DRONE PILOT  
BY STUDYING 1 HOUR PER DAY  
FOR 14 DAYS**

# Get Part 107 Certified in 2 weeks with our 14-day challenge

This guide is designed to help you earn your Remote Pilot certificate by studying 1 hour each day for 2 weeks. Pick a start date for Day 1 and follow the instructions daily. Set aside between 1h and a 1h15 daily in a quiet room to watch the videos and complete the quizzes. No Facebook, no Instagram, no cell phone. Check each task in the checklist as you complete them. Don't hesitate to re-watch the videos you did not understand fully.

## Day 1

### Course Intro and Loading & Performance

#### Course Introduction

- Instructor & Course Intro
- Study Material (be sure to download all material linked in the video description)
- Download the free Flashcard App

#### Loading and Performance

- Chapter Overview
- Download Lecture Notes PDF
- Responsibilities of rPIC
- Axes of Rotation

- Forces of Flight
- Lift
- Principles of Lift
- Newton/Bernoulli
- Weight
- Thrust
- Parasite Drag
- Induced Drag
- Stalls
- Load Factor
- Stability

# Did you download everything?

All the documents you need for the course are available to download right here, for free (see the Study Material video)! The best way to do this is to create a folder on your computer and save the latest PDFs. Be sure you download the entire library:

- FAA-H-8083-25B: PHAK
- FAA-G-8082-22: Remote Pilot Study Guide
- FAA-S-ACS-10B: Remote Pilot Airman Certification Standards Airplane
- Flying Handbook, Chapter 7
- AC-107-2A: sUAS Guidance
- AC-00-6B: Aviation Weather
- AC-00-45H: Aviation Weather Services
- FAA Aeronautical Chart's User Guide
- FAA Radio Communications Phraseology and Techniques (website only)

## Day 2

# Loading & Performance and Regulation

## Loading & Performance (continued)

- CG Location
- Moving CG Location - Part 1
- Moving CG Location - Part 2
- Exceeding CG Limits
- Other Factors Affecting Performance
- Typical FAA Questions
- Loading and Performance Quiz

## Regulation (Post-March 2021)

- Chapter Overview
- Introduction

- 107.1 - Applicability
- 107.3 - Definitions
- 107.5 to 107.9
- Regulation Quiz #1
- 107.12 - Req't for a Remote Pilot Certificate
- 107.13 to 107.15
- 107.17 - Medical Conditions
- 107.19 to 107.21
- 107.23 to 107.25
- 107.27 & 107.59: Alcohol & Drugs
- Regulation Quiz #2



## How to use Lecture Notes

The Lecture Notes were designed to help you take notes during the videos. Print the PDF file before watching a section and take notes as necessary. Do you have a different way of taking notes? No problem, do whatever works for you! You will find a PDF file in the Chapter Overview video of each section.

## Day 3

# Regulation

- |                          |  |                          |                                  |
|--------------------------|--|--------------------------|----------------------------------|
| <input type="checkbox"/> | 107.29. Night Operation                            | <input type="checkbox"/> | Category 4 UAS                   |
| <input type="checkbox"/> | 107.31 - Visual Line of Sight                      | <input type="checkbox"/> | Categories Cheat Sheet           |
| <input type="checkbox"/> | 107.33 to 107.35                                   | <input type="checkbox"/> | "Closed/Restricted"              |
| <input type="checkbox"/> | 107.37 to 107.39                                   | <input type="checkbox"/> | OOP at Night & Minimum Distances |
| <input type="checkbox"/> | 107.41 to 107.43 - Airspace and Airport Operations | <input type="checkbox"/> | Flying over Moving Vehicles      |
| <input type="checkbox"/> | 107.49 - Preflight Familiarization                 | <input type="checkbox"/> | Regulation Quiz #4               |
| <input type="checkbox"/> | 107.51 - Operating Limitations                     | <input type="checkbox"/> | 107.205 - Waiveable Regulation   |
| <input type="checkbox"/> | Automated Operations                               | <input type="checkbox"/> | Part 48: Registration            |
| <input type="checkbox"/> | 107.61 to 107.77                                   | <input type="checkbox"/> | Part 89 - Remote Identification  |
| <input type="checkbox"/> | Regulation Quiz #3                                 | <input type="checkbox"/> | Who must comply with Remote ID   |
| <input type="checkbox"/> | Subpart D Introduction                             | <input type="checkbox"/> | The Remote ID Message            |
| <input type="checkbox"/> | Subpart D Defining Terms                           | <input type="checkbox"/> | How does Remote ID work          |
| <input type="checkbox"/> | Category 1 UAS                                     | <input type="checkbox"/> | Operational Requirements         |
| <input type="checkbox"/> | Category 2 UAS                                     | <input type="checkbox"/> | Registration Requirements        |
| <input type="checkbox"/> | Category 3 UAS                                     | <input type="checkbox"/> | NTSB Requirements                |
|                          |  | <input type="checkbox"/> | Regulation Quiz #5               |

✉ Need more information? Email us at [contact@pilotinstitute.com](mailto:contact@pilotinstitute.com)



Lastly, you can post and share your course and non-course related questions to our Facebook study group and get feedback from fellow students and course graduates. The group is called "[Part 107 Study Hall for FAA Remote Pilots](#)".

## Day 4

# Airport Operations

## Airport Operations

- |                          |   |                          |  |
|--------------------------|---|--------------------------|--|
| <input type="checkbox"/> | Chapter Overview (Download Lecture Notes) | <input type="checkbox"/> | Operation Near & At Airports             |
| <input type="checkbox"/> | Types of Airports                         | <input type="checkbox"/> | Flying the Wire Environment              |
| <input type="checkbox"/> | True vs Magnetic North Runway             | <input type="checkbox"/> | Other Operational Considerations         |
| <input type="checkbox"/> | Orientation (Part 1&2)                    | <input type="checkbox"/> | Chart Supplements Intro                  |
| <input type="checkbox"/> | Traffic Pattern                           | <input type="checkbox"/> | How to use Charts Supplement (all parts) |
| <input type="checkbox"/> | Segmented Circle                          | <input type="checkbox"/> | NOTAM                                    |
| <input type="checkbox"/> | Traffic Pattern - 3D View Wind Direction  | <input type="checkbox"/> | ATIS                                     |
| <input type="checkbox"/> | Indicators Airport Signs + 3D view        | <input type="checkbox"/> | Typical FAA Questions                    |
| <input type="checkbox"/> | Airport Operations Quiz #1                | <input type="checkbox"/> | Airport Operations Quiz #2               |
| <input type="checkbox"/> | Airport Beacon                            |                          |  |

## Follow us on social media

We put out new content all the time, including videos, new courses, articles, podcast episodes, etc... Follow us on social media to stay updated!



[learn.pilotinstitute](https://www.facebook.com/learn.pilotinstitute)



[@pilotinstitute](https://www.instagram.com/pilotinstitute)



[@pilot\\_institute](https://twitter.com/pilot_institute)



[pilotinstitute](https://www.youtube.com/pilotinstitute)

## Day 5

# Radio Communications and Airspace

### Radio Communications

- Chapter Overview
- Download Lecture Notes PDF
- Alphabet and Figures
- Traffic Location & Call Signs
- Untowered Airports - Position Reports
- Untowered Airports - CTAF & UNICOM
- Untowered Airports - Examples
- Towered Airports
- Who to listen to?

- Typical FAA Questions
- Radio Communications Quiz

### Airspace

- Chapter Overview
- Download Lecture Notes PDF
- General Information
- Types of Airspace
- Defining a Few Terms (Part 1 & 2)



## Weekly News Update

When you signed up for our course, you signed up for much more than just videos on a website. We promised to make this easy on you and this includes making it easy to stay up-to-date with an ever changing industry. This is why we publish a weekly news update video to discuss what happened that's noteworthy. You can find a new video every Friday morning on our YouTube channel. Subscribe to the channel to get notifications when new videos are out.



[www.youtube.com/pilotinstitute](https://www.youtube.com/pilotinstitute)

## Day 6

# Airspace

- |                          |                                |                          |                                     |
|--------------------------|--------------------------------|--------------------------|-------------------------------------|
| <input type="checkbox"/> | Controlled Airspace Overview   | <input type="checkbox"/> | Class E: Definitions - Part 1       |
| <input type="checkbox"/> | Class A & Class B: Definitions | <input type="checkbox"/> | Class E: Definitions - Part 2       |
| <input type="checkbox"/> | Class B: Charts View           | <input type="checkbox"/> | Class E Surface Clarification       |
| <input type="checkbox"/> | Class B: 3D View               | <input type="checkbox"/> | Class E: Charts & 3D Views - Part 1 |
| <input type="checkbox"/> | Class C: Definitions           | <input type="checkbox"/> | Class E: Charts & 3D Views - Part 2 |
| <input type="checkbox"/> | Mode C Veil                    | <input type="checkbox"/> | Class G                             |
| <input type="checkbox"/> | Class C: Charts & 3D Views     | <input type="checkbox"/> | Airspace: AGL vs MSL Summary        |
| <input type="checkbox"/> | Class D: Definition            | <input type="checkbox"/> | AGL vs MSL Recap                    |
| <input type="checkbox"/> | Class D: Charts & 3D Views     | <input type="checkbox"/> | Airspace Quiz #1                    |



**Use the quizzes to check your knowledge**

I always tell my university students that quizzes and homework are to be used as an evaluation tool. This is not a test. Your grade on the quiz is an indication of how much knowledge you have of the topic. If you do not score well on the quiz, go back and study the videos in more depth. Ask questions if you still don't get it. We're here to help you succeed. You should get at least 80% on the quizzes before moving to the next section. 90% would be even better.



## Day 7

# Airspace and Charts

### Airspace (continued)

- How to determine if you need approval
- Special Use Airspace: Prohibited and Restricted Areas
- Warning, Military Operation, Alert & Controlled Firing Areas
- Recap Special Use Airspace
- Other Airspace: Temporary Flight Restrictions
- Stadium and Disney TFR
- Parachute Jump Areas
- Military Routes & Special Military Activity
- VFR Routes
- NSA, FRZ, ADIZ
- Special Flight Rules Area
- Wilderness Areas, National Parks & Tethered Balloons
- Reality versus FAA Test
- Typical FAA Questions - Part 1
- Typical FAA Questions - Part 2
- Airspace Depiction Review
- Airspace Quiz #2

### Charts

- Chapter Overview
- Download Lecture Notes PDF
- Types of Charts
- Sectional Charts
- Topography & MEF

## Day 8

# Charts

### Charts (continued)

- |                          |                                       |                          |                                       |
|--------------------------|---------------------------------------|--------------------------|---------------------------------------|
| <input type="checkbox"/> | Airport Depiction - Part 1            | <input type="checkbox"/> | How to read sectional charts - Part 2 |
| <input type="checkbox"/> | Airport Depiction - Part 2            | <input type="checkbox"/> | How to read sectional charts - Part 3 |
| <input type="checkbox"/> | Airspace Depiction Review             | <input type="checkbox"/> | Charts Quiz #1                        |
| <input type="checkbox"/> | Navigation Aid                        | <input type="checkbox"/> | Latitude & Longitude                  |
| <input type="checkbox"/> | Victor Airways - Part 1               | <input type="checkbox"/> | GPS Coordinates                       |
| <input type="checkbox"/> | Victor Airways - Part 2               | <input type="checkbox"/> | How to read GPS Coordinates           |
| <input type="checkbox"/> | Variation & Obstacles                 | <input type="checkbox"/> | Typical FAA Questions - Part 1        |
| <input type="checkbox"/> | Other Symbols                         | <input type="checkbox"/> | Typical FAA Questions - Part 2        |
| <input type="checkbox"/> | How to read sectional charts - Part 1 | <input type="checkbox"/> | Charts Quiz #2                        |



## Using the Cheat Sheet

By now you have completed half the course, congrats! You already downloaded the Cheat Sheet on Day 1 but if you haven't used it yet, now is a good time. The 11-page document was designed to help you memorize some of the important items for the course. Note that the list is not exhaustive! Use it as an aid during your studies but remember you won't be able to bring it with you during the exam. Commit it to memory to increase your chances of success.

Day 9

## Weather Theory - Part 1

### Weather Theory

- |                          |                             |                          |                             |
|--------------------------|-----------------------------|--------------------------|-----------------------------|
| <input type="checkbox"/> | Chapter Overview            | <input type="checkbox"/> | How is Performance Affected |
| <input type="checkbox"/> | Download Lecture Notes PDF  | <input type="checkbox"/> | Weather Theory Quiz #1      |
| <input type="checkbox"/> | Atmospheric Composition     | <input type="checkbox"/> | Wind                        |
| <input type="checkbox"/> | Atmospheric Pressure: Intro | <input type="checkbox"/> | Convective Current          |
| <input type="checkbox"/> | Standard Day                | <input type="checkbox"/> | Circulation Patterns        |
| <input type="checkbox"/> | Pressure Altitude           | <input type="checkbox"/> | Low-Level Wind Shear        |
| <input type="checkbox"/> | Density Altitude            | <input type="checkbox"/> | Temperature/Dew Point       |
| <input type="checkbox"/> | Density Altitude Examples   | <input type="checkbox"/> | Frost                       |

## Weather Theory - Part 2

### Weather Theory (continued)

- How Air Reaches Saturation
- Weather Theory Quiz #2
- Ceiling and Visibility
- Stability of Air Masses
- Thunderstorms
- Fronts
- Structural Icing
- Weather Theory Quiz #3



### Are you using the FlashCard Mobile App

At Pilot Institute, we are proud to be the first and only online ground school to offer a free mobile FlashCard app. Test your knowledge with 110 flashcards specifically designed to help you pass the exam. The app is available on both Apple iOS and Android devices. Search "Part 107 Study Flashcards" to download the app or refer to the download links in the Course Introduction section. When prompted for an email on Card 31, simply enter the email associated with your Pilot Institute account to unlock the other 80 cards.



# Day 11

## Weather Services

### Weather Services

- |                          |                            |                          |                                |
|--------------------------|----------------------------|--------------------------|--------------------------------|
| <input type="checkbox"/> | Chapter Overview           | <input type="checkbox"/> | TAF Intro                      |
| <input type="checkbox"/> | General Information        | <input type="checkbox"/> | How to read TAF - Part 1       |
| <input type="checkbox"/> | Obtain Weather Information | <input type="checkbox"/> | How to read TAF - Part 2       |
| <input type="checkbox"/> | METAR Intro                | <input type="checkbox"/> | Typical FAA Questions - Part 1 |
| <input type="checkbox"/> | How to read METAR - Part 1 | <input type="checkbox"/> | Typical FAA Questions - Part 2 |
| <input type="checkbox"/> | How to read METAR - Part 2 | <input type="checkbox"/> | Typical FAA Questions - Part 3 |
| <input type="checkbox"/> | How to read METAR - Part 3 | <input type="checkbox"/> | Weather Services Quiz #2       |
| <input type="checkbox"/> | METAR Code List            |                          |                                |
| <input type="checkbox"/> | Weather Services Quiz #1   |                          |                                |



Did you leave a review yet?

We care about your experience with our courses. If you liked the course so far, please consider leaving a review on TrustPilot, the independent company that handles all our reviews. You can find the review box in the course in 3 places: in the Airport Operations Section after "Airport Signs (3D View)", in the Airspace Section after "How to determine if you need approval", and in the "How to apply for your certificate" Section at the end of the course.

**If you have any suggestions for improvement, please email us at [contact@pilotinstitute.com](mailto:contact@pilotinstitute.com) and tell us how we can make our classes even better.**

## Day 12

# Aeronautical Decision Making

### ADM

- |                          |                                  |                          |                                   |
|--------------------------|----------------------------------|--------------------------|-----------------------------------|
| <input type="checkbox"/> | Chapter Overview                 | <input type="checkbox"/> | Risk Management - Part 2          |
| <input type="checkbox"/> | Introduction and History         | <input type="checkbox"/> | Decision-Making Process - Part 1  |
| <input type="checkbox"/> | Decision-Making Steps            | <input type="checkbox"/> | Decision-Making Process - Part 2  |
| <input type="checkbox"/> | Crew Resource Management         | <input type="checkbox"/> | Operation Pitfalls                |
| <input type="checkbox"/> | Single-Pilot Resource Management | <input type="checkbox"/> | Stress Management                 |
| <input type="checkbox"/> | Hazard & Risk                    | <input type="checkbox"/> | Situational Awareness             |
| <input type="checkbox"/> | Hazardous Attitudes              | <input type="checkbox"/> | Common Accident Factors           |
| <input type="checkbox"/> | Risk Assessment and Mitigation   | <input type="checkbox"/> | Typical FAA Questions             |
| <input type="checkbox"/> | Risk Management - Part 1         | <input type="checkbox"/> | Aeronautical Decision Making Quiz |



## Time to schedule your exam

You're almost done with the course, it is time to schedule your exam with an FAA approved testing center. Locking in a date might be the best way to stay motivated and maximize knowledge retention. Visit <https://faa.psiexams.com> to find a testing center near you. Note that the exam fee is \$160 and none of this money (unfortunately) comes to us. Be sure to give yourself enough time to complete a few additional practice exams before heading to the testing center.

## Day 13

# Physiological Factors, Night Training and Maintenance & Inspections

### Physiological Factors

- Chapter Overview
- Introduction
- Hyperventilation
- Stress & Fatigue
- Dehydration & Heat Stroke
- Drugs & Alcohol
- Vision and Flight
- Typical FAA Questions
- Physiological Factors Quiz

### Night Operations

- Night Operations Introduction
- Night Regulation
- Vision in Flight
- Dark Adaptation
- Coping with Stress
- Night Illusions (Part 1)
- Night Illusions (Part 2)
- Operating at Night
- Losing VLOS
- About Strobe lights
- Submit Airspace Requests
- Night Operations Quiz

## Day 13

# Physiological Factors and Maintenance & Inspections

## Maintenance & Inspections

- Chapter Overview
- Introduction and Definitions
- The Importance of Maintenance
- Preflight Recommendations - All Parts
- Emergency Planning
- Lithium Battery Fires
- Safe Handling of Lithium Batteries
- Loss of Control Links & Flyaways
- Typical FAA Questions Maintenance &
- Inspections Quiz



## Become a Brand Ambassador

We believe that the thousands of satisfied customers who graduate from our courses each year are our best asset to help educate the UAS industry. A qualified and safe workforce means we can all continue to work without additional unnecessary regulation or restrictions. And the key is education. If you help us spread the word, we want to reward you for your time. We will share 20% of all sales that you drive to our website. This could easily pay for your written test, your next set of ND filters, or a new drone, or become a monthly additional source of revenue. Our top ambassadors will also qualify for preferential pricing and free merchandise.

Contact us at [ambassador@pilotinstitute.com](mailto:ambassador@pilotinstitute.com) to apply.



## Day 14

# Practice Exam and How To Apply For Your License

- What's the Exam Like
- About the Practice Exam
- Unlimited FAA Practice Exam
- Scheduling the Exam
- How to apply for the certificate
- Staying Current
- Share your success story



## Bonus videos

Congratulations on getting to the end of this challenge. We know it wasn't easy but if it were, everybody would do it! You are now equipped with the necessary knowledge (and more) to become a Remote Pilot. When you're done watching the course videos, don't forget to watch the Bonus videos to help you start flying as a Commercial drone pilot. Also don't forget to tell us how you did on the exam, we always love to hear success stories.